

HAZARDOUS MATERIAL SPILL ALARM VOLTAGE DROP CALCULATION

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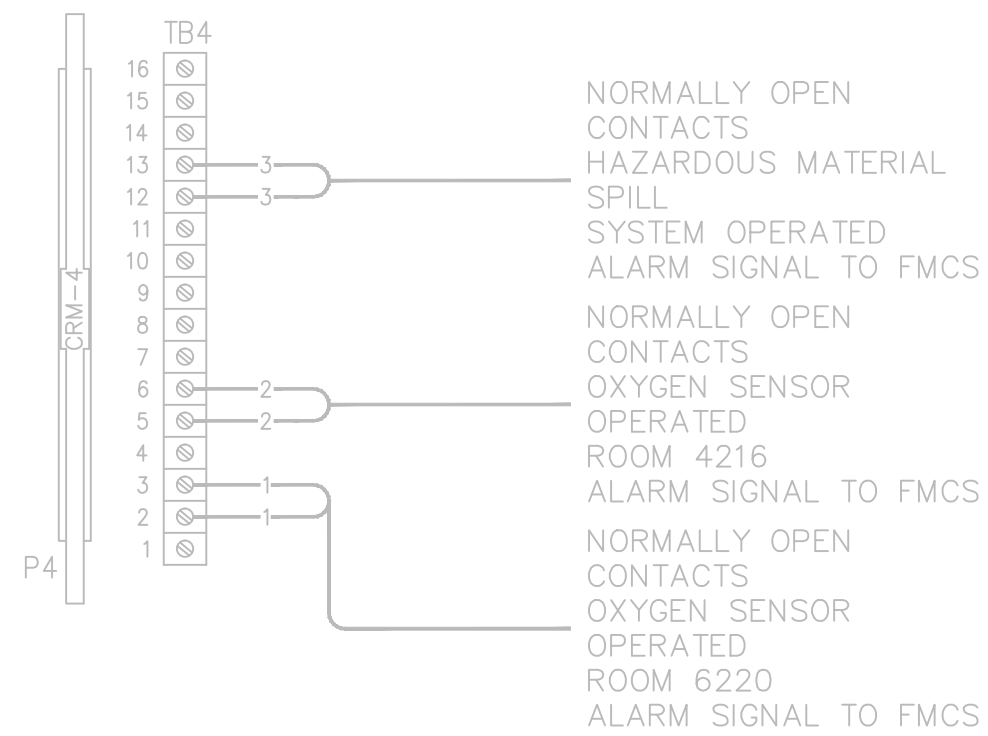
HAZARDOUS MATERIAL & OXYGEN SENSOR SYSTEM

SYSTEM EVENT		RESPONSE			
		ANNUNCIATE EVENT AT FACU	TROUBLE SIGNAL TO LBNL RECEIVER	ALARM SIGNAL TO FMS	OPERATE HAZ MAT NOTIFICATION APPLIANCES
HAZARDOUS MATERIAL SPILL ALARM (CLEAN ROOM) MANUAL PULL STATION		●	●	●	●
	OXYGEN SENSOR ALARM (RM 4126)	●	●	●	
	OXYGEN SENSOR ALARM (RM 6120)	●	●	●	
	PAD 3 TROUBLE	●	●		

NOTE 1: THIS FUNCTION CHART IDENTIFIES AUTOMATIC ACTIONS FOR THE HAZARDOUS MATERIAL SPILL ALARM AND OXYGEN SENSORS, ONLY. REFER TO THE FUNCTION CHARTS ON OTHER SHEETS FOR OTHER FUNCTIONS AND ACTIONS PERFORMED BY THE FIRE ALARM SYSTEM.

HAZARDOUS MATERIAL SPILL ALARM RISER DIAGRAM

CSM-4 MODULS WIRING DIAGRAM



	AS BUILT							BLDG-67 FIRE ALARM HAZARDOUS MATERIAL & OXIGEN SENSOR SYSTEM	DRAWN BY	DSV	DATE	05/20/2013
									CHECKED BY	LDD		7/8/2013
									APPROVED BY	MCD		7/8/2013
									SCALE			
	06/17/13	-	DSV	LDD	MCD	6/17/13	AS BUILT PER FIELD VERIFICATION	UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY NATIONAL LABORATORY FACILITIES DIVISION	DRAWING NO.	4B67E159	SHEET	12
PROFESSIONAL SEAL (IF REVISION, APPLIES ONLY TO REVISED WORK)	ISSUE (PROGRESS, ESTIMATE, RD, CONSTRUCTION, CONFORMED, REVISION, RECORD)	REVISION NUMBER	DRAWN BY	CHECKED BY	APP'D BY	DATE	REMARKS		PROJECT NO.	FN1438		12 OF 21